

Notice of Allowability

Application No.

10/617,754

Examiner

Christopher A. Daley

Applicant(s)

PENG, SHENG-CHANG

Art Unit

2111

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/26/2005.
2. ☒ The allowed claim(s) is/are 1 and 8-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has ~~THREE MONTHS FROM THE "MAILING DATE"~~ of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


REHANA PERVEEN
SUPERVISORY PATENT EXAMINER
11/22/05

DETAILED ACTION

1. Claims 1,8 - 10 – 17 are allowed. Claims 2 – 7 are cancelled

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter:

2. Independent claim 1 is allowable over the prior art of record because the examiner found neither prior art cited in its entirety, nor based on the prior art found any motivation to combine any of said prior art. The following limitations were not found in the prior art of record:

A first command signal line for transmitting a first request signal to said second control chip from said first control chip, wherein said first control chip undergoes a transition from said first unidirectional mode to said first bidirectional mode only upon said second control chip receiving said first request signal while not transmitting on said second address/data bus

A second command signal line for transmitting a second request signal from said second control chip to said first control chip, wherein said second control chip undergoes a transition from said second unidirectional mode to said second bidirectional mode only upon said second control chip receiving said second request signal while not transmitting on said first address/data bus

Dependent claims 8 - 9 are rendered allowable, as associated independent claim 1 is allowable.

3. Independent claim 10 is allowable over the prior art of record because the examiner found neither prior art cited in its entirety, nor based on the prior art found any motivation to combine any of said prior art. The following limitations were not found in the prior art of record:

Transmitting a request signal only over a first request signal line from said first control chip to said second control chip to request control of said second AD bus by said first control chip

Transmitting addresses and data from said first control chip to said second control chip through said second AD bus only if second control chip is not transmitting on said second bus at the time of receipt of said request signal

Dependent claims 11 - 13 are rendered allowable, as associated independent claim 10 is allowable.

4. Independent claim 14 is allowable over the prior art of record because the examiner found neither prior art cited in its entirety, nor based on the prior art found any motivation to combine any of said prior art. The following limitations were not found in the prior art of record:

Transmitting a request signal only over a first request signal line from said second control chip to said first control chip to request control of said first AD bus by said second control chip

Controlling said first AD bus to transmit addresses and data from said second control chip if said first control chip is not controlling said first AD bus at the time of the receipt of said request signal.

Dependent claims 15 - 17 are rendered allowable, as associated independent claim 14 is allowable.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

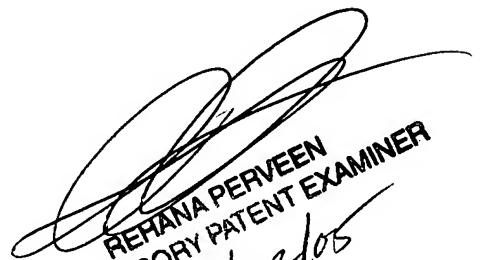
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher A. Daley whose telephone number is 571 272 3625. The examiner can normally be reached on 9 am. - 4p m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571 272 3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CAD
11/20/05


REHANA PERVEEN
SUPERVISORY PATENT EXAMINER
11/22/05